



ANIMAL SCIENCE

Institute of Agriculture and Natural Resources

UNL POULTRY NEWS

Upcoming Activities:

June 20, PASE Poultry Judging, Animal Science, UNL, Lincoln, NE. (register on-line)

Summer 2024

Newsletter Editor:

Sheila Purdum, Extension Poultry Specialist, University of Nebraska, Animal Science Department



Special Thanks to our FFA sponsors:
Lincoln Premium Poultry and
Smart Chicken-Tecumsh

Results of the State FFA Poultry Judging Contest

Top 5 Individuals:

- 1st Emily VanMeter—Palmyra FFA
- 2nd Jacob Wood—Palmyra FFA
- 3rd Erin Chambers—Palmyra FFA
- 4th Natalie Schrad- Boone Central FFA
- 5th Madison Chrisman- Central City FFA

Top 3 Teams:

- 1st Palmyra FFA
- 2nd Boone Central FFA
- 3rd York FFA



The Heat is On: When temperatures rise, heat stress becomes a serious concern for all poultry (commercial and backyard flocks). Chickens do not have the ability to sweat like mammals so their means of dispensing excess body heat are limited to panting and lowering core temperatures through reduced heat loads in their environment. Most commercial poultry houses have extensive ventilation systems that include an air cooling system such as evaporative pad cooling with cool water. It is important to make sure all cooling systems and fans can work at capacity before the heat turns up to dangerous levels. Temps above 95 degrees are dangerous, especially when not relieved by a cooler night-time temperature. Backyard flocks will also benefit from fans, shade, cool water daily and maybe even a misting nozzle system similar to what you may be using on your porch.



Poultry Research Presentation by UNL Faculty, 2024

Reynolds, D. L., E. B. Simpson, M. M. Hille, E. M. Holtz, and B. Jia.
“Determining Virulence of Enterococcus Faecalis Isolates from Commercial Poultry.” Paper presented at the 75th North Central Avian Disease Conference, Minneapolis, MN, April 16 - 17, 2024.

Donald L. Reynolds, E. Barry Simpson, Matthew M. Hille, Elizabeth M. Holz and Beibei Jia. The Role of Enterococcus faecalis as a Poultry Pathogen. Key-note Presentation. 6th European Congress on Applied Microbiology and Beneficial Microbes”. October 03-04, 2024. Amsterdam, Netherlands.

Foley, J., S. Purdum and D. Santra, 2024. Proso Millet as an Alternative Grain Source in Broiler and Pullet Diets. Presented at Annual Poultry Science Association Meetings, July, 2024, Louisville, KY.

UNL Poultry Interest Team Contacts

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Veterinary Science: Don Reynolds, DVM (Co-Leader)

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